

Chapter 23 Roots, Stems, and Leaves

Section Review 23-1

Reviewing Key Concepts

Completion *On the lines provided, complete the following sentences.*

- The three principal organs of seed plants are _____, _____, and _____.
- Three types of plant tissue systems are _____, _____, and _____.
- The only plant tissue that produces new cells by mitosis is _____ tissue.

Short Answer *On the lines provided, answer the following questions.*

- Name and describe the two cell types that make up xylem.

- Name and describe the two cell types that make up phloem.

Reviewing Key Skills

- Comparing and Contrasting** How does the structure of cells near the apical meristem compare with the structure of cells far from the apical meristem?

Classifying *Describe the main function of each type of ground tissue.*

- Collenchyma: _____

- Sclerenchyma: _____

- Parenchyma: _____
